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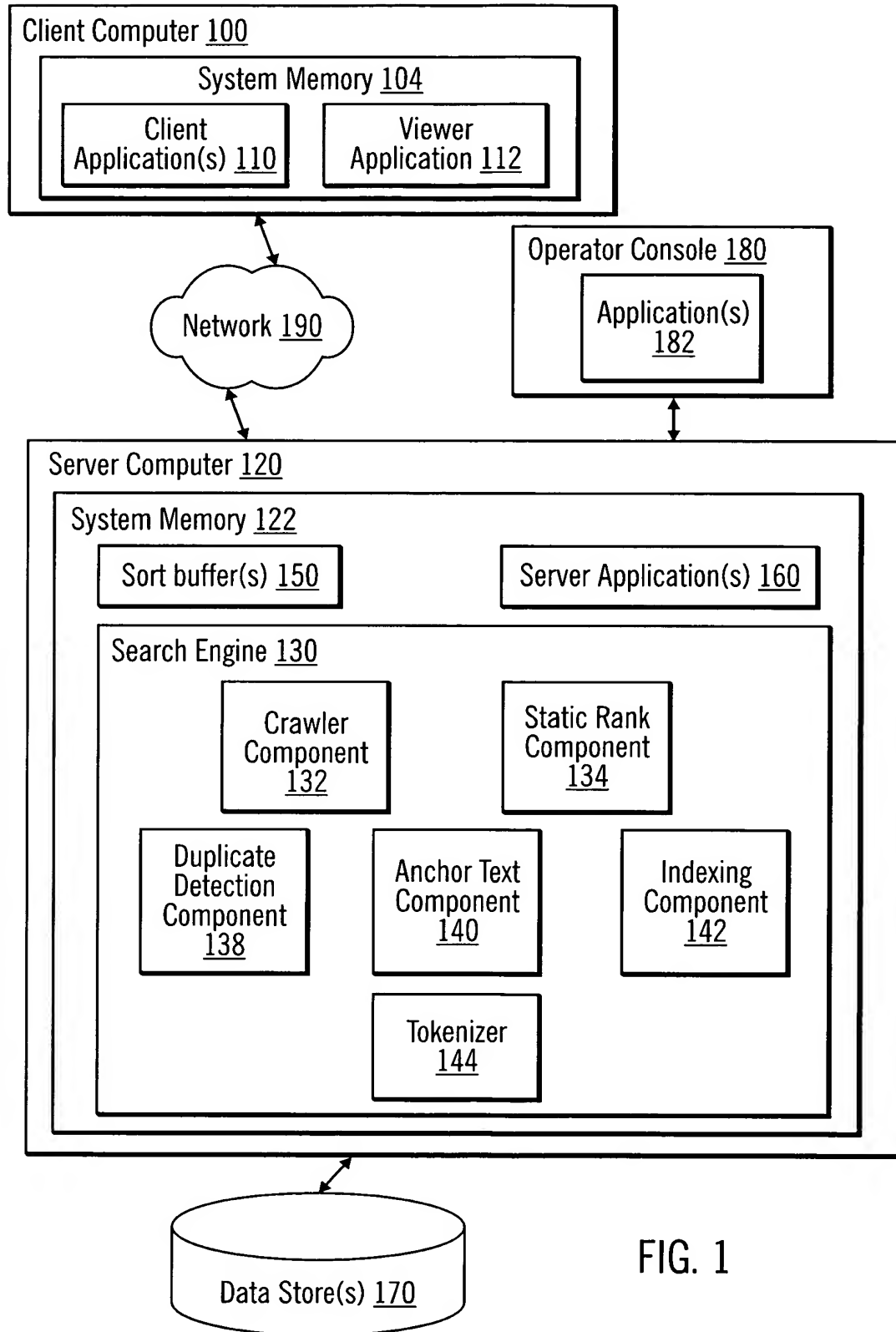


FIG. 1

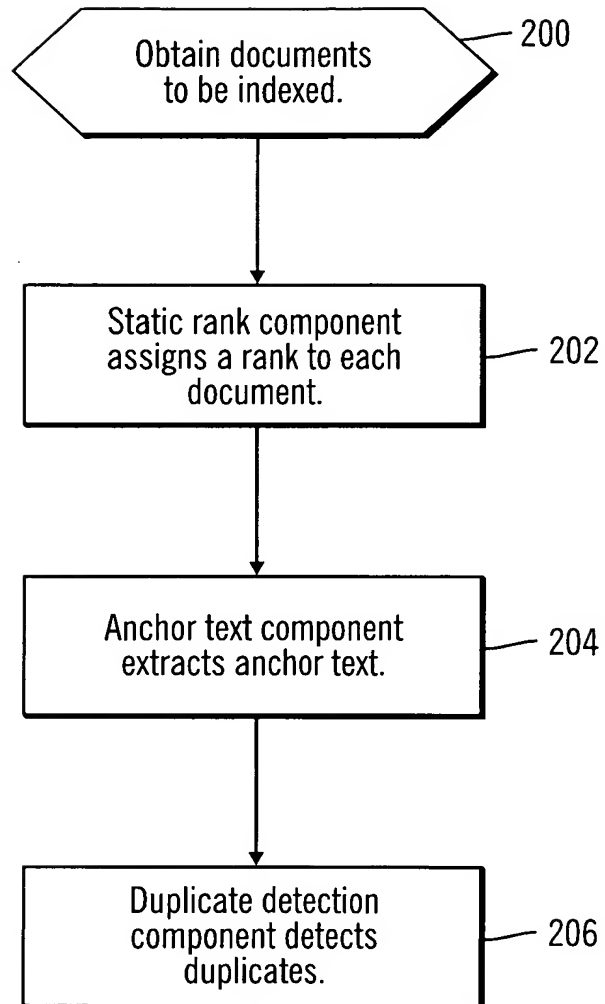


FIG. 2

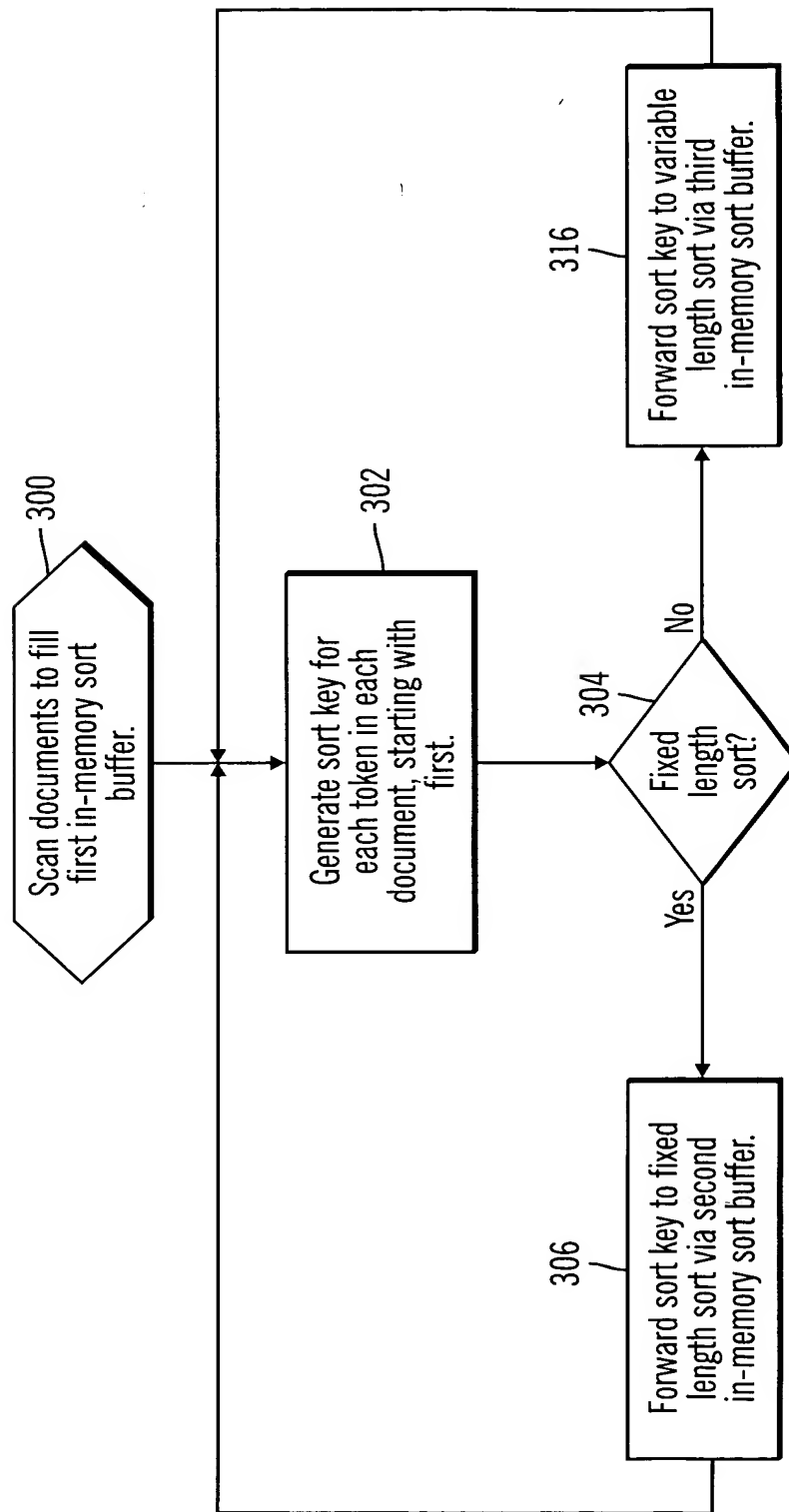


FIG. 3A

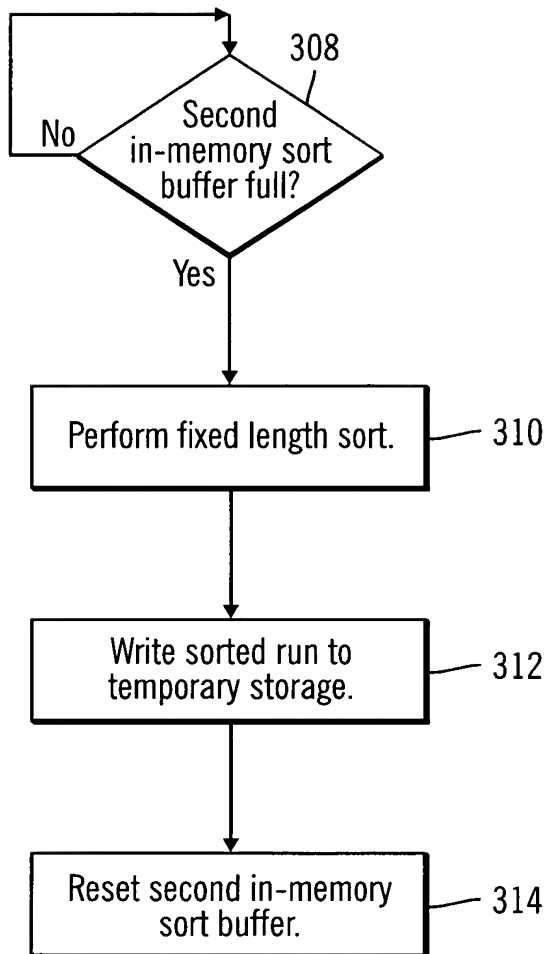


FIG. 3B

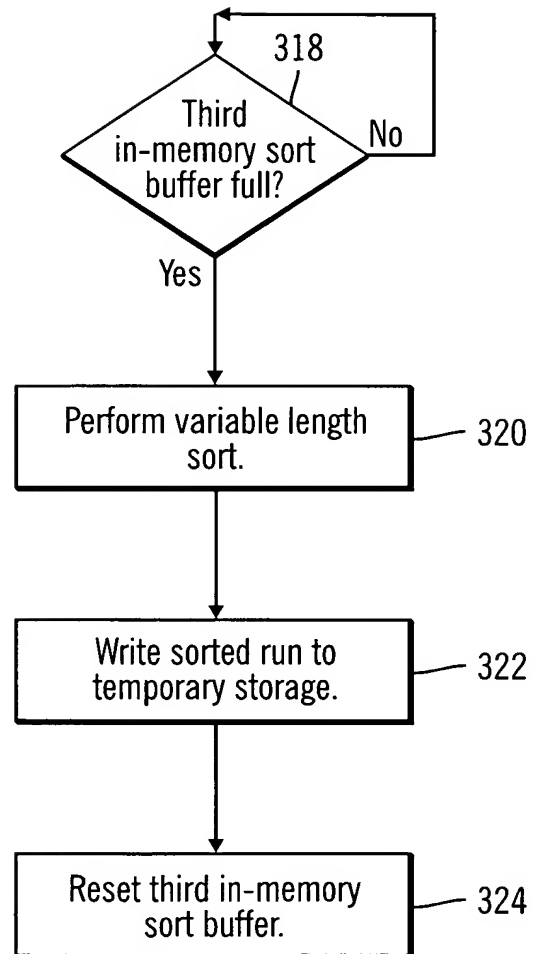


FIG. 3C

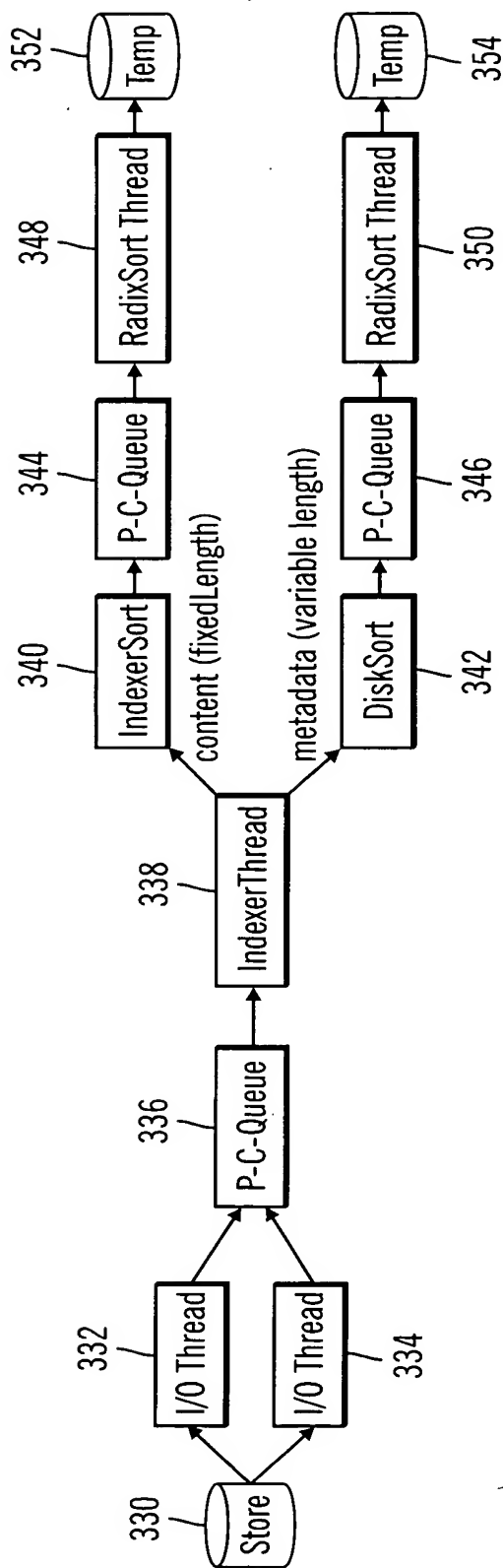


FIG. 3D

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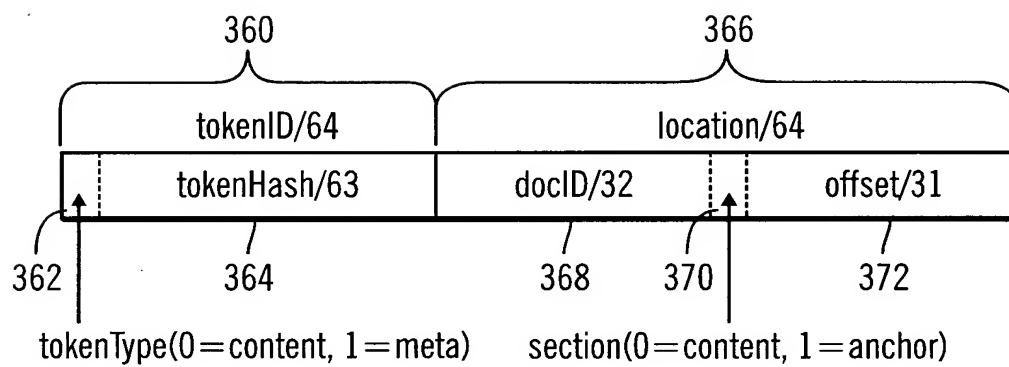


FIG. 3E

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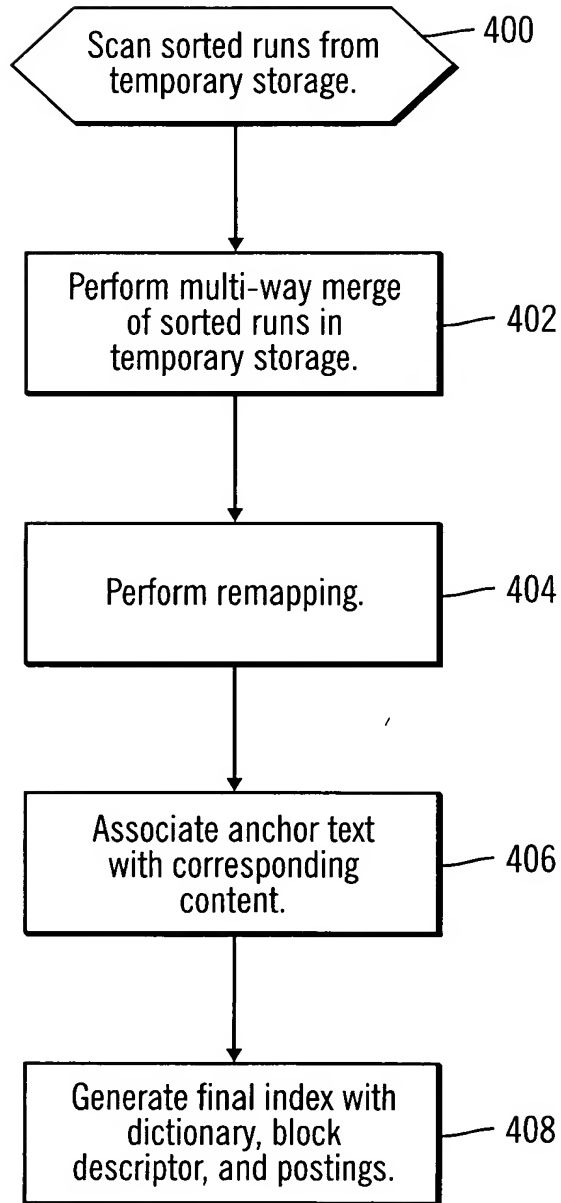


FIG. 4A

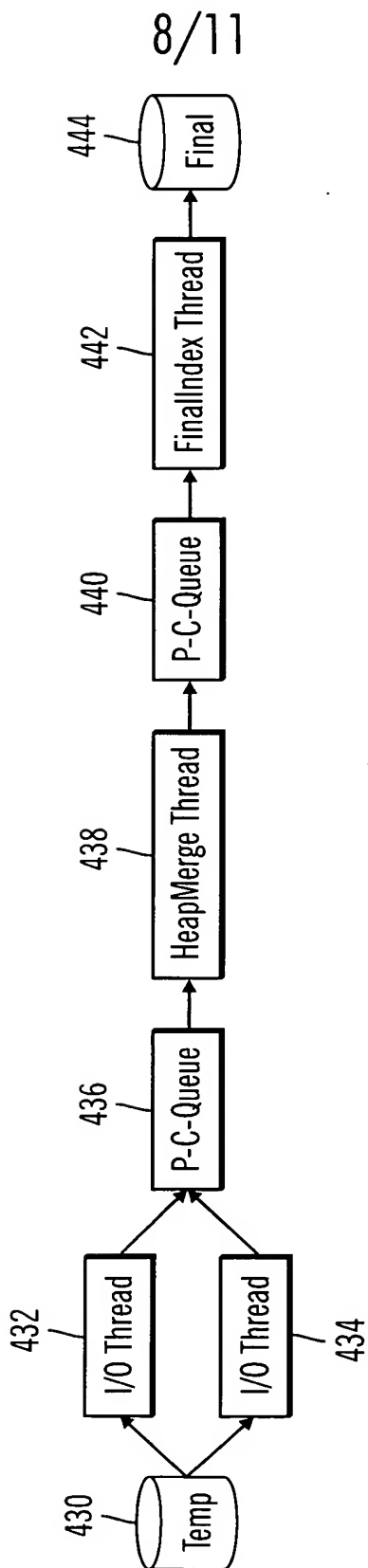


FIG. 4B

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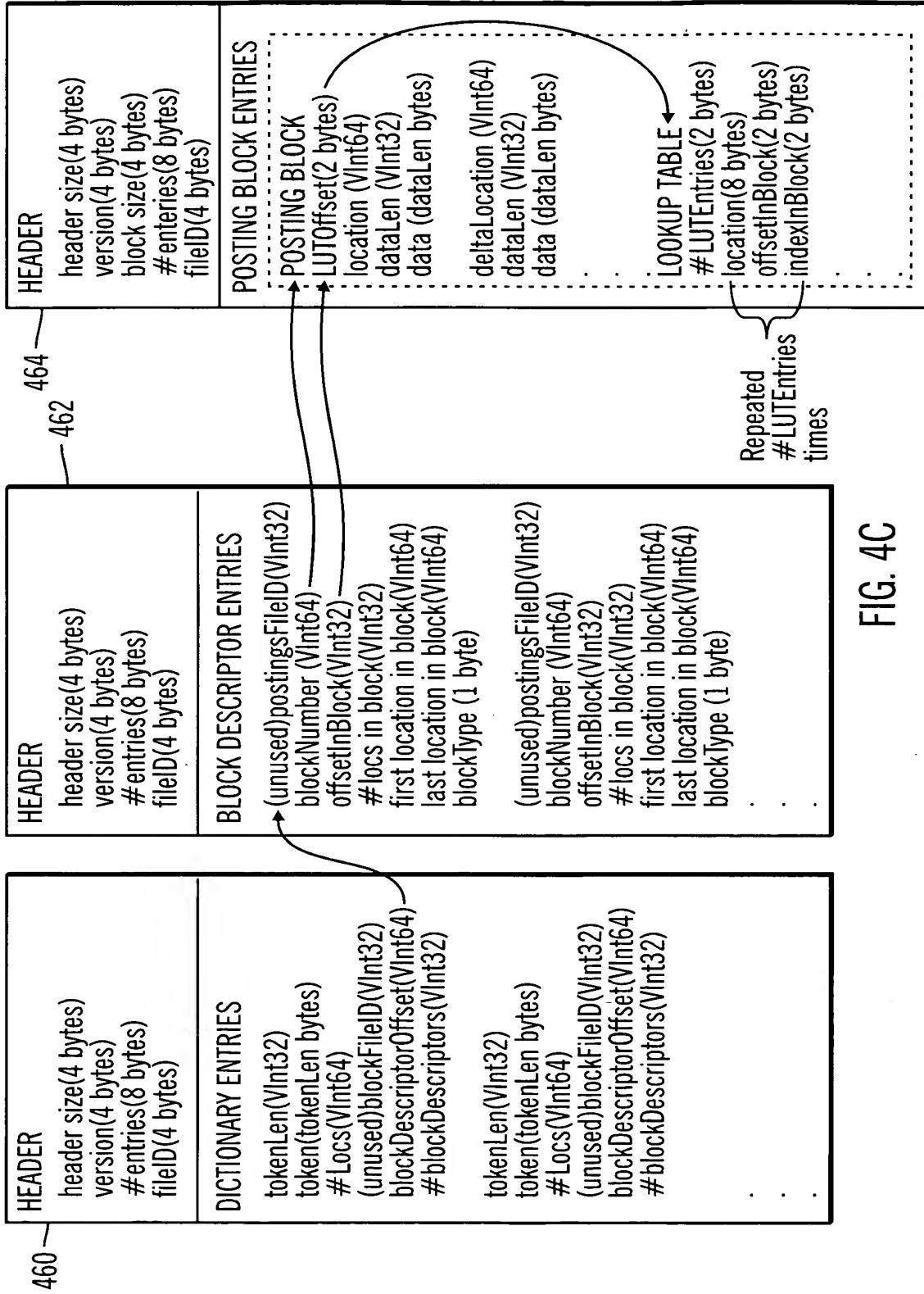


FIG. 4C

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500

CPU's	IndexBuildRun(s)	IndexMerge(s)	Speedup versus baseline
1	617	486	0 %
1 + 1HT	521	417	18 %
2	421	318	49 %
2 + 2HT	422	343	44 %

FIG. 5A

510

Documents	Index Size	IndexBuildRuns(s)	IndexMerge(s)
200,000	1.32GB	166.7	154.8
500,000	3.14GB	417.5	341.1
2,000,000	12.3GB	1,713.7	1,345.1
6,000,000	33.4GB	4,632.5	3,775.8

FIG. 5B

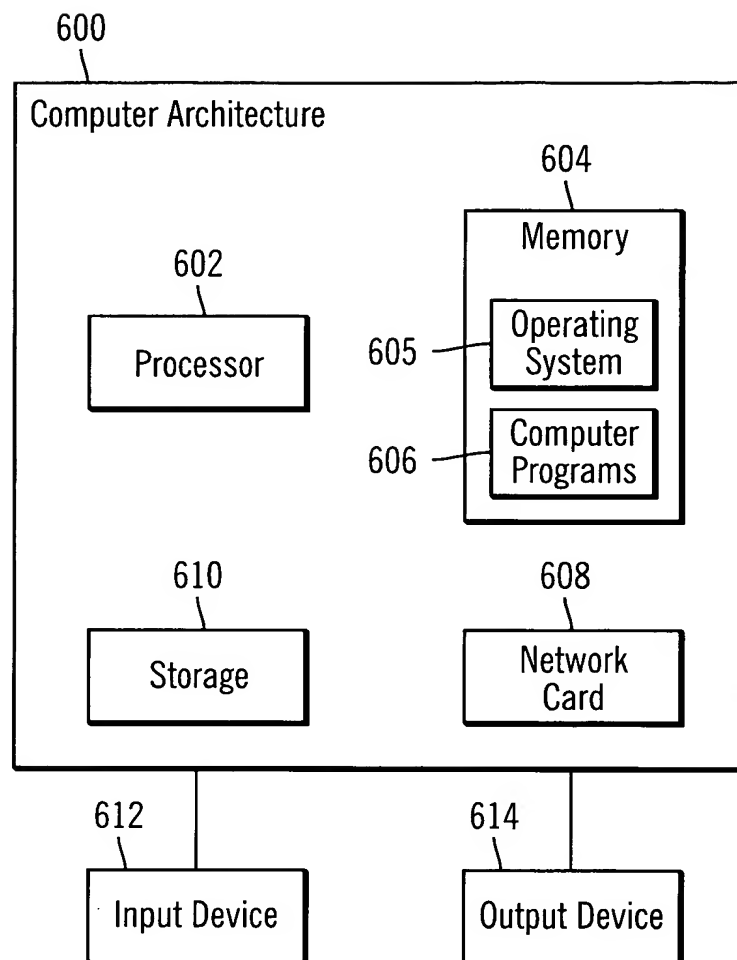


FIG. 6